

Phospho-PKC zeta (Thr560) Rabbit pAb

db4725

Package : 20µL 50µL 100µL

Product Name : Phospho-PKC zeta (Thr560) Rabbit pAb**Cat.No.:** db4725**Synonyms** : PKC2; PKC-ZETA**Application** : WB**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr560 of human PKC zeta

Gene ID

5590

Swiss Prot

Q05513

Synonyms

PKC2; PKC-ZETA

Reactivity

Human, Mouse, Rat

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

68 kDa

Observed MW

68 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.